

What is claimed is:

1. A radiation patch equipped in a planar inverted F antenna for radiating applied signals, wherein the radiation patch having a asymmetrical shape of linearly tapered rectangle and a length and width of tapered sides of radiation patch is determined according to a desired resonate frequency.
- 10 2. A planar inverted F antenna having a radiation patch, wherein the radiation patch having a shape of linearly tapered rectangle and a length and width of tapered sides of radiation patch is determined according to a resonate frequency.
- 15 3. A planar inverted F antenna having a radiation patch, comprising:
  - a ground means for grounding a radiation patch;
  - a short means for shorting the radiation patch;
  - 20 a feeding means for supplying an electric power to the radiation patch; and
  - a radiation patch for radiating electric power from the feeding means,
    - wherein the radiation patch having a shape of linearly tapered rectangle and a length and width of tapered sides of radiation patch is determined according to a resonate frequency.
- 30 4. The planar inverted F antenna having a radiation patch as recited in claim 3, wherein a width of the short means is varied according to a desired resonate frequency.
- 35 5. The planar inverted F antenna having a radiation patch as recited in claim 3, wherein a location of the feeding means is varied according to the desired resonated frequency.